

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1–8. (Cancelled)

9. (Currently Amended) A fuel cell stack, comprising:

fuel cells effecting power generation upon supply of an anode gas and a cathode gas, each of the fuel cells comprising;

an anode separator comprising an anode gas passage which has a meandering configuration with two or more bent portions of substantially 180 degrees; and

a cathode separator comprising a cathode gas passage which has a meandering configuration with bent portions of substantially 180 degrees, the number of the bent portions of the cathode gas passage being equal to the number of the bent portions of the anode gas passage;

wherein,

a flow in the cathode gas passage and a flow in the anode gas passage are in parallel and in opposite directions to each other;

the fuel cell stack comprising an anode gas supply manifold that supplies an anode gas to the anode gas passage of each of the fuel cells, an anode effluence exhaust manifold that collects an anode effluent from the anode gas passage of each of the fuel cells, a cathode gas supply manifold that supplies a cathode gas to the cathode gas passage of each of the fuel cells, a cathode effluence exhaust manifold that collects a cathode effluent from the cathode gas passage of each of the fuel cells, and

a through-hole connecting is provided in a most downstream bent portion in at least one of the anode gas passages of the fuel cells between the anode gas supply manifold and the anode effluence exhaust manifold and the cathode gas passages of the fuel cells between the cathode gas supply manifold and the cathode effluence exhaust manifold,

wherein the through-hole connects most downstream bent portions in one of the anode gas passages and cathode gas passages and allows allowing movement of moisture through the fuel cells.

10. (Previously Presented) The fuel cell stack as defined in claim 9, wherein the fuel cell stack has a square shape cross-section and further comprises an anode gas supply manifold which supplies the anode gas to the anode gas passage of each fuel cell;

an anode effluent exhaust manifold which recovers an anode effluent from the anode gas passage of each fuel cell, the anode effluent exhaust manifold being arranged diagonally with respect to the anode gas supply manifold in the cross-section of the fuel stack;

a cathode gas supply manifold which supplies a cathode gas to the cathode gas passage of each fuel cell;

a cathode effluent exhaust manifold which recovers cathode effluent from the cathode gas passage of each fuel cell, the cathode effluent exhaust manifold being arranged diagonally with respect to the cathode gas supply manifold in the cross-section of the fuel cell stack;

wherein the anode gas supply manifold and the cathode effluent exhaust manifold are arranged in parallel along a first side of the stacking surface of the fuel cell, while the anode effluent exhaust manifold and the cathode gas supply manifold are arranged in parallel along a second side, which is opposed to the first side with respect to the cross-section of the fuel cell stack.

11. (Cancelled)

12. (Withdrawn) The fuel cell stack as defined in claim 9, wherein the anode gas passage and the cathode gas passage respectively comprise an odd number of bent portions.

13. (Withdrawn) The fuel cell stack as defined in claim 12, wherein the odd number is five or more, and wherein, in addition to the most downstream bent portion, at least one of bent portions situated halfway on the downstream side, other than the most downstream bent portion, comprises a through-hole which allows movement of moisture through the fuel cells .

14. (Previously Presented) The fuel cell stack as defined in claim 9, wherein the fuel stack further comprises a drain manifold which drains water in the through-hole to outside of the fuel cell stack.

15. (Currently Amended) The fuel cell stack as defined in claim 9, wherein, adjacent fuel cells are provided with ~~an LLC~~ a coolant passage therebetween which is substantially superimposed in a stacking direction on the cathode gas passage and through which a coolant flows in the same direction as a cathode gas that flows in the cathode gas passage.

16. (Previously Presented) The fuel cell stack as defined in claim 15, wherein the fuel cell stack comprises supply manifolds that respectively distribute the anode gas, the cathode gas, and the coolant to the fuel cells, and exhaust manifolds that respectively recover an anode gas, a cathode gas, and a coolant from the fuel cells, and wherein the anode gas supply manifold, the cathode gas exhaust manifold and the coolant exhaust manifold are located in the vicinity with respect to each other, while the anode gas exhaust manifold, the cathode gas supply manifold and the coolant supply manifold are located in the vicinity with respect to each other.

17. (Previously Presented) The fuel cell stack as defined in claim 9, wherein the anode gas passage comprises an even number of bent portions, the number being four or more, and has a through-hole in a most downstream bent portion of the anode gas passage and another through-hole in one of even-numbered bent portions as counted from an inlet side of the anode gas passage except the most downstream bent portion.

18. (Currently Amended) The fuel cell stack as defined in claim 9, wherein the cathode gas passage comprises an even ~~[[umber]]~~ number of bent portions, the number being four or more, and has a through-hole in a most downstream bent portion of the cathode gas passage and another through-hole in one of even-numbered bent portions as counted from an inlet side of the cathode gas passage except the most downstream bent portion.